BSM business systems modernization

delivering 21st century logistics

BSM Technology

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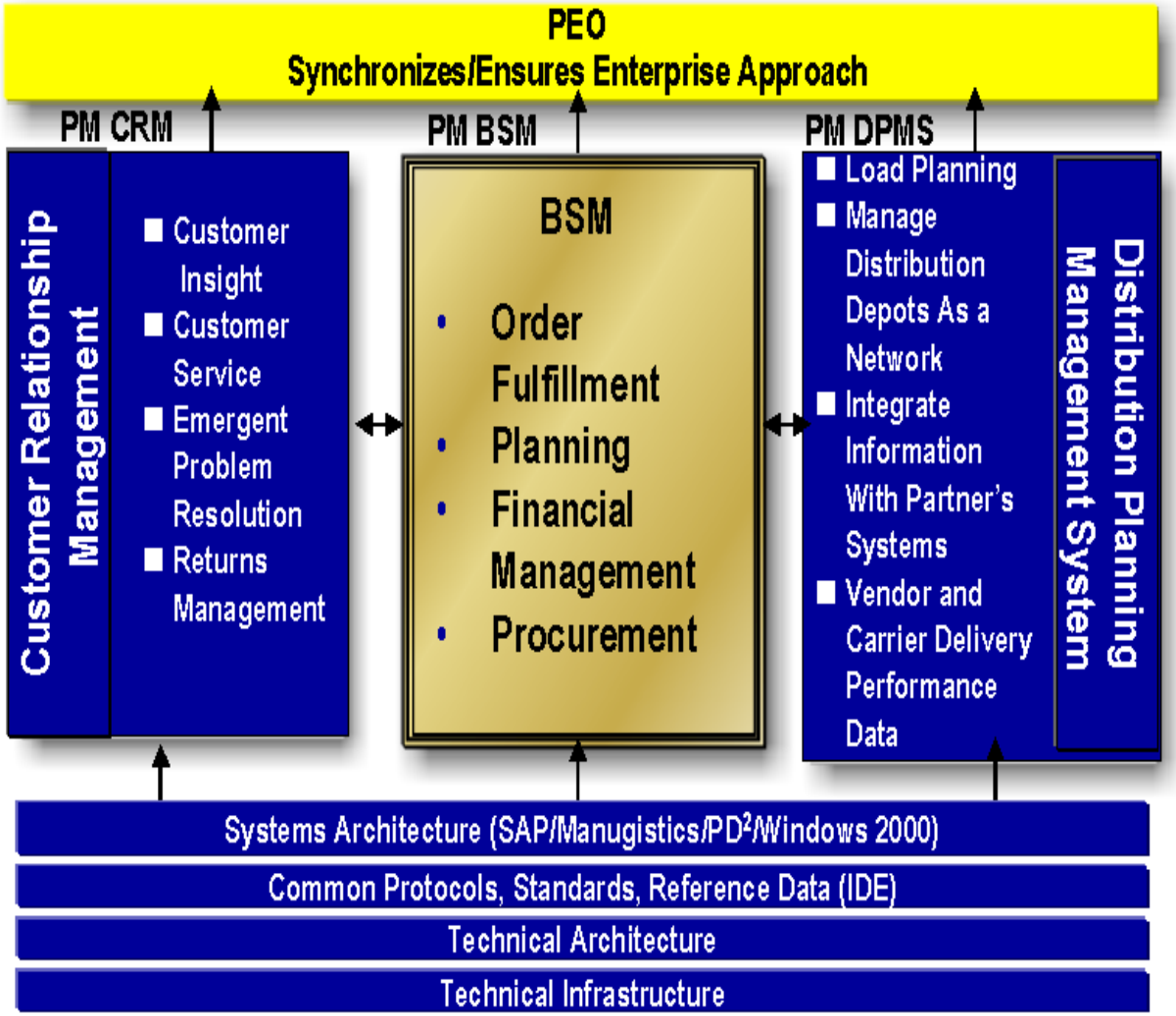
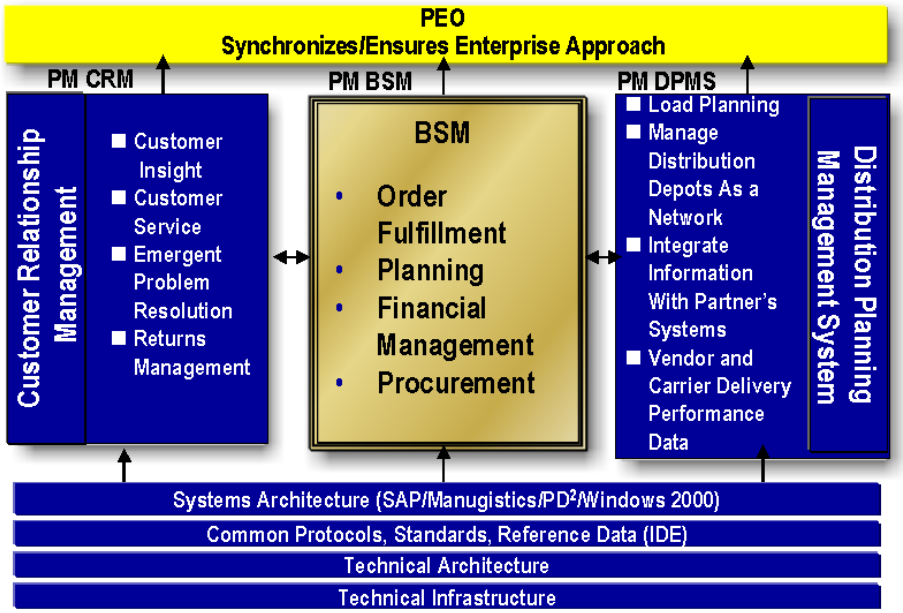
The BSM Strategy…

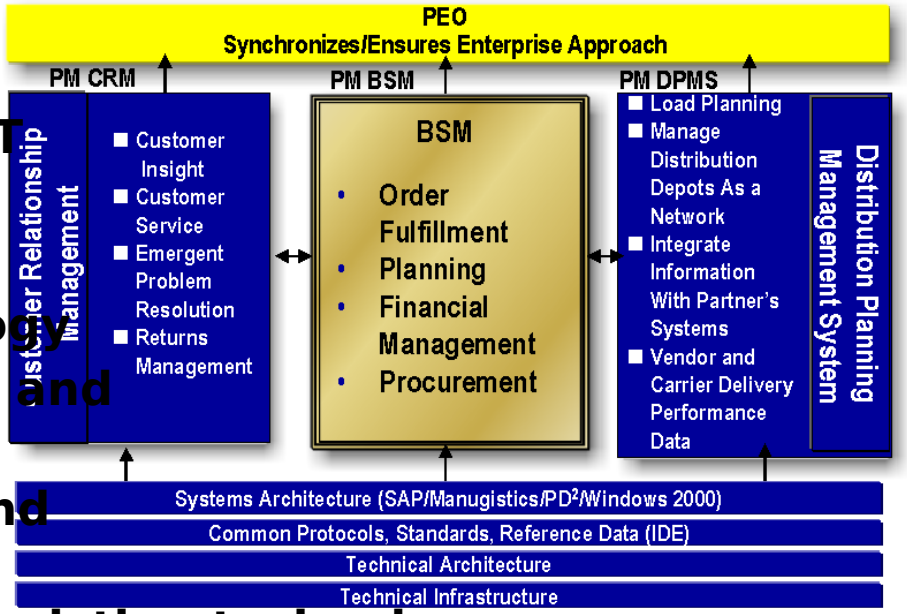


The BSM Strategy…

- **BSM Program: Supply (Less Energy)**
  - **Class I (Subsistence)**
  - **Class II (Clothing and Te**
  - **Class IV (Construction)**
  - **Class VIII (Medical)**
  - **Class IX (Repair Parts)**
- **Beyond the BSM Program:**
  - **Customer Relationship**
  - **Distribution Plng Mgmt**
  - **Map Mission COTS Proje**
  - **Defense Reutilization and Marketing Service Integration Project**
- **Other Major Related Efforts:**
  - **Catalog Reengineered System (CRS)**
  - **Engineering Support Automation (ESA)**
  - **Fuels Automated System (FAS)**



The BSM (Technical) Strategy…



- **Business Architecture drives IT Infrastructure … investments justified by mission needs**
- **Buy vs. Build … COTS technology**
- **Corporate computing capacity and communications**
- **Ensure information security and assurance**
- **Integrate and leverage DLA's existing technology infrastructure where appropriate**
- **Exploit technology whenever beneficial to DLA … Web based solutions, thin clients**
- **Provide an architecture that is conducive to technology refreshes**

Establish an open and scalable ENTERPRISE infrastructure to support DLA's mission requirements

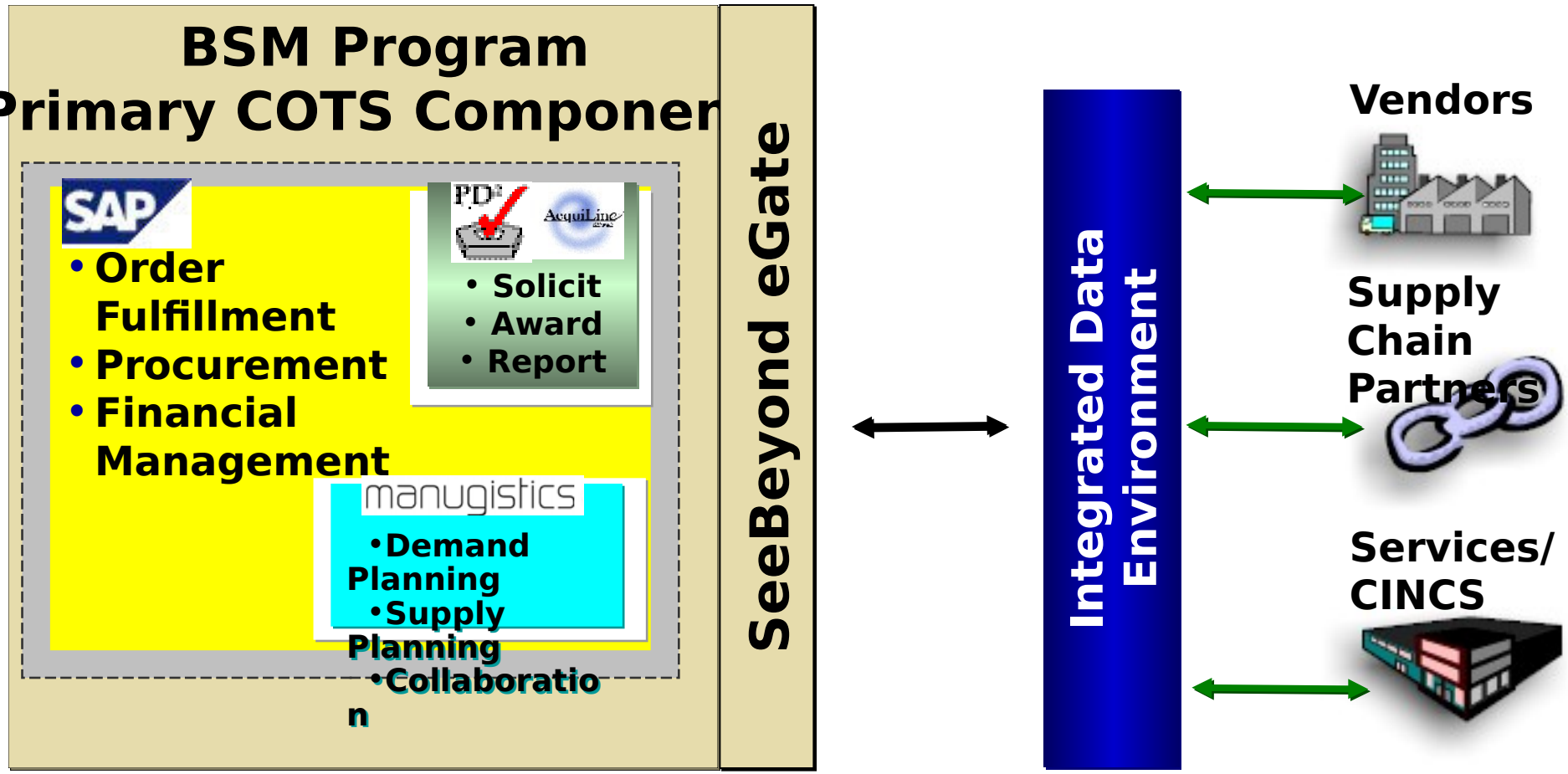
BSM Technical Foundation …

BSM uses industry best practices to modernize DLA's technical infrastructure and a foundation to support new enterprise solutions

- **Leading technologies from industry leaders including HP, EMC, Cisco, Microsoft, Oracle, SAP, Manugistics, AMS, SeeBeyond, RSA, BMC**
- **BSM Portal to access SAP, Manugistics and PD²**
- **Enterprise Application Integration (eAI) to support integration with legacy systems (X12/XML)**
- **PKI (Public Key Infrastructure) in place with DoD certificates and eventual integration with CACs (common access cards)**
- **Web Architecture using Java technologies to access new systems and some existing data stores**
- **Enterprise data center with state-of-the-art operations capabilities**
- **Dedicated WAN to major sites to ensure performance**

BSM Technical Blueprint

The Foundation for DLA's Systems Architecture



A Day in the Life of a BSM User

A Day in the Life of a BSM User

Help Desk
(Three Tiered)

SAP

der Fulfillment
Procurement

LAN

Email
ffice Applications
Etc.

BSM Wide
Area
Network
(WAN)

BSM
(Citrix)

manugistics

Planning

PD

Contract
Management

BSM Portal

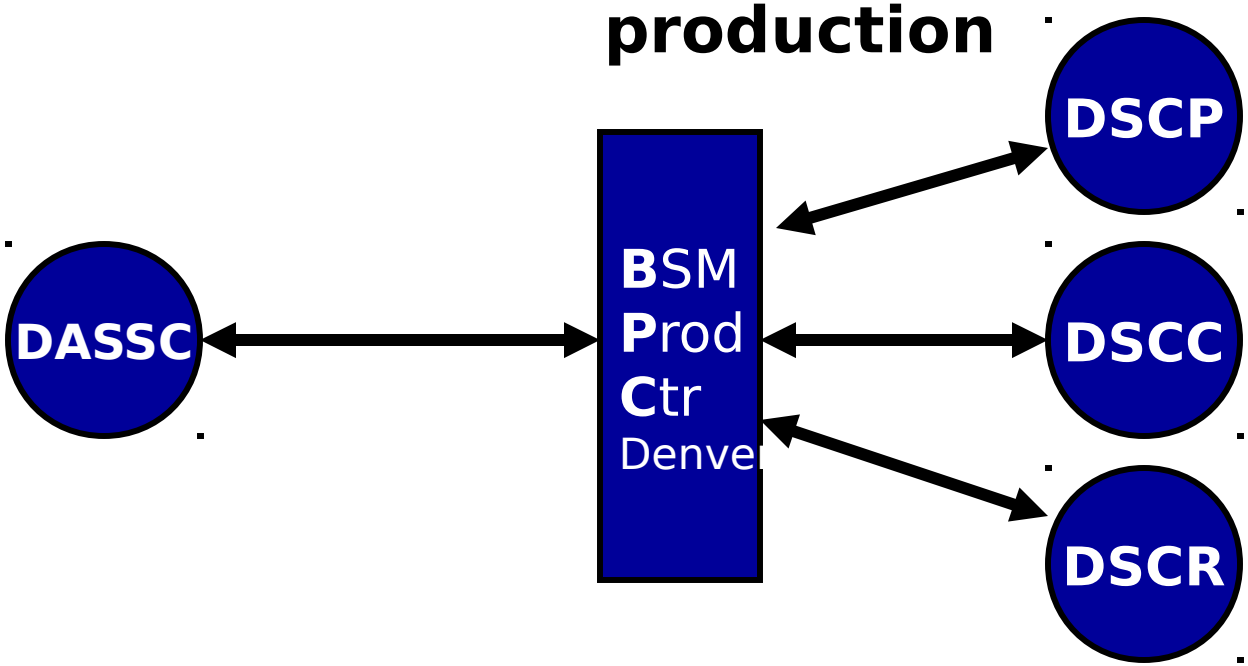
esktop BSM
Portal

Standard
Desktop

DLA Today & Tomorrow
One Book

Production Network (Denver – Lockheed Martin)

DLA has contracted with Accenture and Lockheed Martin to provide extensive technology infrastructure in Denver to support BSM production



- **Single Instance … SAP, Manugistics, PD²**
- **Dedicated and Secure Wide Area Network**

BSM Technology Team/Roles

There are exciting technology positions on the BSM program

Technology Management	Sustainment Team	BPC Team
Deliver new technology solutions for each BSM Release	Support current release after cutover and Development Landscape in Dayton	Support BSM Production Data Center in Denver

Technical Architecture	Infrastructure/ Operations	Environment Management
Integration Architects	Infrastructure Specialists	Systems Administrators
Security Architects	Desktop/Peripheral Specialist	Database Administrators
Reporting/Output Management	Operations Architects	SAP R/3 Basis Administrators
Web/Portal Architects		Manugistics System Administrators
		PD² System Administrators

Concept Demo … What is it?
… a real implementation, not a pilot

- **Deliver a fully operational, tested system and trained workforce**
- **Fully support existing customer commitments**
- **Deliver greater than 8 of the Functional Requirement in the OP**
- **Incorporate improved capabilities within timeframes/resources**

Concept Demo Scope

- Maritime Carrier and Sub Surface teams
  - LM-2500
- Terminal Lugs and Insulation Sleeving
- Battle Dress Uniforms
- Medical/Surgical Fleet Prime Vendor
- Garrison Feeding (PV Southeast Region)
- Helicopter systems (UH-1, H-3, H-46, and H-53)

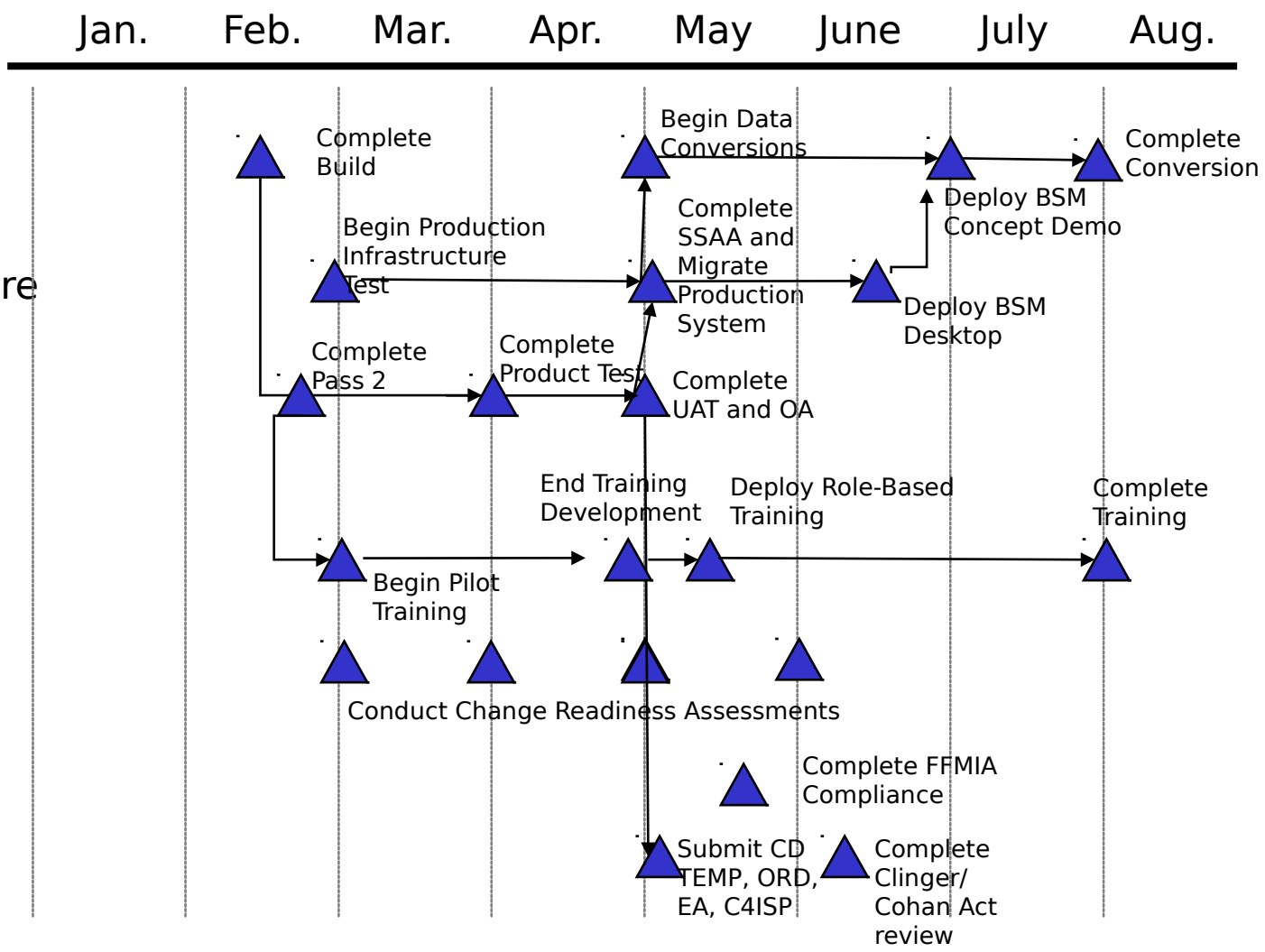
All ICPs involved
Facilitates lead center
Minimizes dual system users

#	NSNs	Requisitions	Orders	Impacted Users	Customers	Suppliers
TOTAL	146,420	217,485*	168,939	370	17,002	2,492

*Figure based on a two-year period.

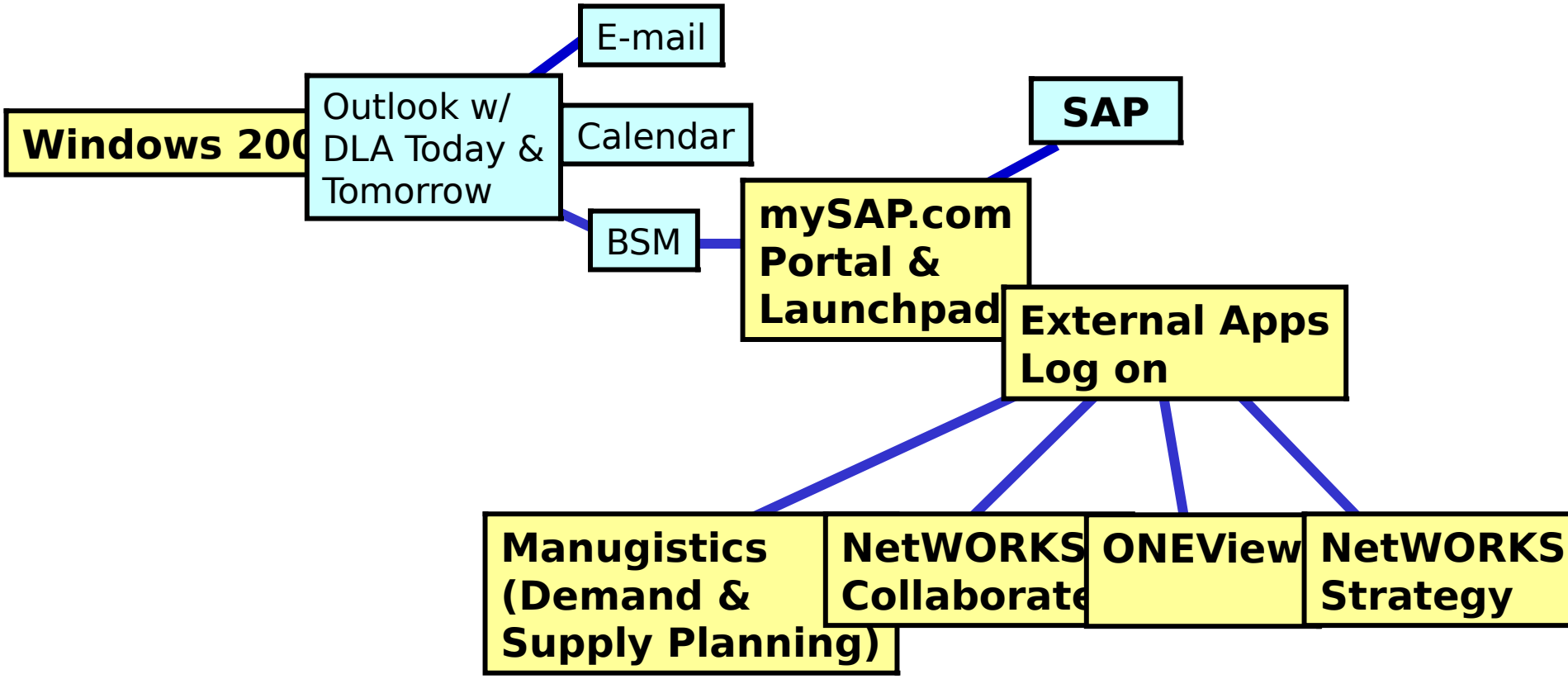
Work out the kinks and bugs before general roll-out

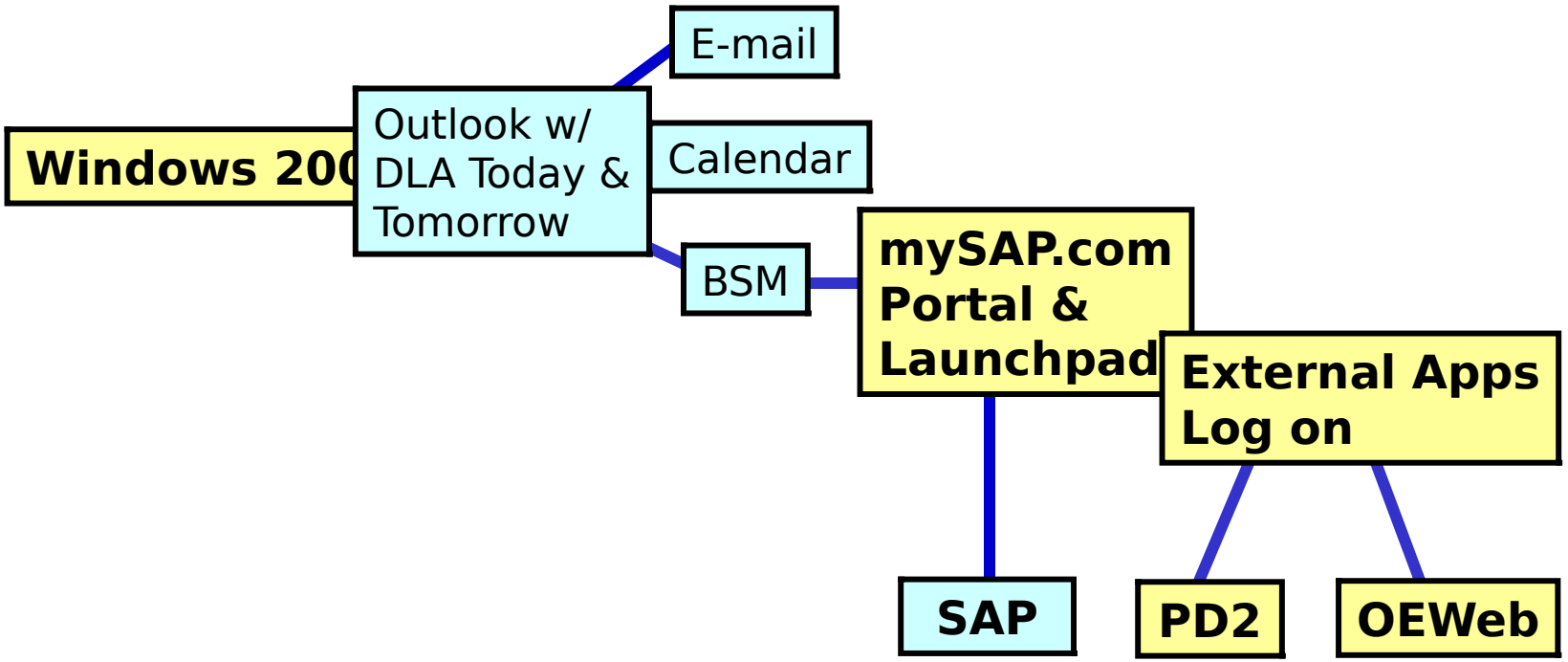
Short-term Timeline



Back Up Charts

BSM Access: Demand Planner



BSM Access: Purchasing Specialist

Purchasing Specialist: